

# opFlow Configuration

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## opFlow Configuration

The configuration options for opFlow are stored in a *text* file `/usr/local/omk/conf/opCommon.nmis`.

Configuration items that are not application specific are detailed on the opCommon [Configuration](#) page.

## Common Settings to Consider Adjusting

The items below are commonly changed by customers.

Section	Name	Original Value	Description
opflow	opflow_conversation_age_days	30	for act=purge if not capped
opflow	opflow_gui_interface_integrated_index	1	
opflow	opflow_gui_default_period	60m	The default period of time to display statistics in the GUI.
opflow	opflow_url_base	<a href="http://yourserver.yourdomain/">http://yourserver.yourdomain/</a>	for creating links in emails, reports
opflow	opflow_gui_refresh_time	180	Seconds until GUI refreshes itself.
opflow	opflow_resolve_endpoint_dns	false	if false, endpoint addresses are not resolved via dns
opflow	opflow_db_query_timeout	120*1000	2 minute DB query timeout.

## Specific Configuration

The opFlow section of opCommon.nmis is for opFlow specific configuration items only.

Section	Name	Original Value		Possible Values	Description
opflow	<opflow_dir>	/var/lib/nfdump		<filepath>	where nfdump inputs are expected, and saved dailies are kept
opflow	opflow_batch_insert_size	256		<integer>	
opflow	opflow_check_time	5		<integer>	check for ready nfdump files every X seconds
opflow	opflow_conversation_age_days	30		<integer>	for act=purge if not capped
opflow	opflow_db_conversations_collection_size	16106127360		<integer>	15 GB
opflow	opflow_db_flows_collection_size	5368709120		<integer>	5 GB
opflow	opflow_db_name	flows			
opflow	opflow_db_query_timeout	120*1000			120 seconds
opflow	opflow_default_duration	0.1		<decimal>	
opflow	opflow_default_flows	1		<integer>	
opflow	opflow_default_packets	1		<integer>	for NSEL flows that carry only bytes

opflow	opflow_drop_endpoints	1.1.1.1 1.21.1.1			
opflow	opflow_end_point_age_days	90		<integer>	how long endpoints w/o activity should be kept
opflow	opflow_gui_agent_custom_button_text	Button Text			Custom agent button
opflow	opflow_gui_agent_custom_button_url	<a href="https://example.com/omk/opCharts/inventory/interfaces">https://example.com/omk/opCharts/inventory/interfaces</a>		<url>	Custom agent button
opflow	opflow_gui_default_period	60m			
opflow	opflow_gui_default_summary_type	app_source		"application", "app_source", "app_destination", "app_conversation", "dst_ip", "src_ip", "tos"	
opflow	opflow_gui_display_other	0		<integer>	
opflow	opflow_gui_graph_over_time_per_sec	1		<integer>	
opflow	opflow_gui_hide_interface_performance_graphs	0		<integer>	Option to hide the button Interface Performance Graphs
opflow	opflow_gui_high_flow_volume	1		<integer>	
opflow	opflow_gui_interface_integrated_index	1		<integer>	
opflow	opflow_gui_no_flows_over_time_graph	0		<integer>	
opflow	opflow_gui_octet_decimals	0		<integer>	
opflow	opflow_gui_octet_display_multiplier	1		<integer>	0.000000953674316
opflow	opflow_gui_period_values	['15m','30m','60m','90m','2h','4h','8h','12h','24h','2d']			
opflow	opflow_gui_refresh_time	180		<integer>	Seconds until GUI refreshes itself.
opflow	opflow_high_volume	1		<integer>	insert pre-aggregated flows if set, raw flows if not.
opflow	opflow_input_maxage	0		<integer>	if set to positive N, ignore flow files older than N seconds
opflow	opflow_opcharts_password	nm1888		<password>	
opflow	opflow_opcharts_url_base			<url>	base url of remote opCharts server, eg <a href="http://other.host.com">http://other.host.com</a> (no slash at the end)
opflow	opflow_opcharts_user	nmis		<username>	
opflow	opflow_opstatus_maxage	1209600		<integer>	seconds, 2 weeks

opflow	opflow_raw_files_age_days	10		<integer>	how long to keep old nfdump files
opflow	opflow_raw_flows_age_days	10		<integer>	as above
opflow	opflow_remove_flow_processing	0		<integer>	if flows are proccessed/inserted from a different server set this to 1
opflow	opflow_reports_default_css	<omk_public>/omk/css/opFlow_report.css		<relative url>	copied into the report output dir if not present
opflow	opflow_reports_default_js	<omk_public>/omk/js/opFlow_report.js		<relative url>	copied into the report output dir if not present
opflow	opflow_reports_keep	365		<integer>	days to keep report data
opflow	opflow_reports_keep_to_pn	50		<integer>	maximum for report generation
opflow	opflow_resolve_endpoint_dns	false		true, false	if false, endpoint addresses are not resolved via dns
opflow	opflow_server	nmis			
opflow	opflow_summarisation_interval	120		<integer>	bucket size for conversation aggregation
opflow	opflow_summary_stages	{ 'hourly'- => { period => 3600, collection_size => 1073741824, collapse_min_bytes => 1024, collapse_min_pkts => 5} }			what long-term summarizations should be performed, 1GB, collapse all conversations with less than X bytes of traffic in the whole period into one, set to zero/undef to disable, or winnow by minimum number of packets. a match of either criterion will cause collapsing
opflow	opflow_url_base	<a href="http://yourserver.yourdomain/">http://yourserver.yourdomain/</a>		<url>	for creating links in emails, reports
opflow	opflowd_max_processes	4		<integer>	
opflow	opflowd_pid	/var/run/opflowd.pid		<filepath>	